

Potential Applications for AP Biodegradation - Contact Information - 4/30/97

Company/Organization	Contacts/Position	Phone/FAX/e-mail	Problem/Interest
GenCorp - Aerojet PO Box 13222 Sacramento CA 95813-6000 Fed Ex: Hwy 50 & Aerojet Rd Attn: Gerald Newman Dept 1372, Bldg 2019, Rm 106 Rancho Cordova CA 95670	Gregory Meagher Manufacturing Gerald Newman Manager of Contracts	Phone: (916) 355-2457 FAX: (916) 355-2897 e-mail: meagher_gregory@aphub.aerojetpd.com Phone: (916) 355-2881	Minuteman stage 2 manufacturer Very interested! In process of designing IWTP to handle all propellant wastes and eliminate OB/OD - wants alternate to explosives manufacturing - mostly 1.3, some 1.1 with HMX, RDX and nitroguanidine
Alliant Techsystems State Rt. 956-MS-26P Rocket Site, WV 26726 Magna, UT	John Waugaman Alan Staggs Environmental John R. (Jack) Hamilton Environmental Remediation	Phone: (304) 726-5218 Phone: (304) 726-5244 FAX: (304) 726-5562 Phone: (801) 251-6935 FAX: (801) 251-6254	New machining facility driving need to dispose of AP in an energetic matrix Initially concerned about remediation applications
United Technologies Company - Chemical Systems Div. 600 Metcalf Road San Jose, CA 95138	Ron Borcharding Environmental	Phone: (408) 776-4139 FAX: (408) 776-4820 e-mail: ronb@post.csd.com	New hydrolysis facility just completed. Interested in treating propellant hydrolysate
Thiokol Corporation Highway 83, Bldg M-345 Mail Stop 301-A Thiokol, Utah 84302 Elkton, MD	Glenn Mower Manager, Chemical Processes Bill Lucas - Env. Mgr	Phone: (801) 863-3087 FAX: (801) 863-6767 e-mail: mowergl@tc.thiokol.com Phone: (410) 392-1626	Building prototype to treat AP contaminated wastewater
Atlantic Research Corp. 5945 Wellington Road Gainesville, VA 22065	Tim Holden Environmental	Phone: (703) 754-5106	Produces the MLRS using HTPB AP based propellant - 3 facilities - still planning to open burn

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Western Electrochemical Co. (WECCO) PO Box 629 Cedar City, UT 84721 Fed Ex: 10622 West 6400 North Cedar City, UT 84720	Ray Smith Consultant/Marketing Greg Howearth Environmental/Safety	Phone: (801) 865-5022 Phone: (801) 865-5026 FAX: (801) 865-5092 e-mail howearth@apfc.com	AP Manufacturer Must treat AP in evaporation ponds. Considering Thiokol's K+ precipitation process - Need AP bio of resultant brine.
Commander Naval Surface Weapons Center (NSWC) Attn: Code 4073 (name) 300 Highway 361 Crane, IN 47522	Dan Burch Ordnance Engineering	Phone: (812) 854-3505 FAX: (812) 854-6836 DSN: 482-xxxx e-mail: db3739@smtp.nwscc. sea06.navy.mil	Generates wastewater from conventional weapons demil. JOCG & ESTCP sponsorship. Interested in biodegradation of wastewater from a process that recovers RDX from munitions
NSWC Attn: Code PM4A 101 Strauss Ave. Indian Head, MD	Charles Painter Environmental Program Manager	Phone: (301) 743-6627 FAX: (301) 743-4187	
JOCG US Army Defense Ammunition Center 3700 Army Depot Road Savanna IL 61074-9639	Jim Wheeler Program Director	Phone: (815) 273-8084 FAX: (815) 273-8718 DSN: 585-xxxx	Supports AP biodegradation program, large rocket motor demil programs, and conventional demil programs